

FIG. 2

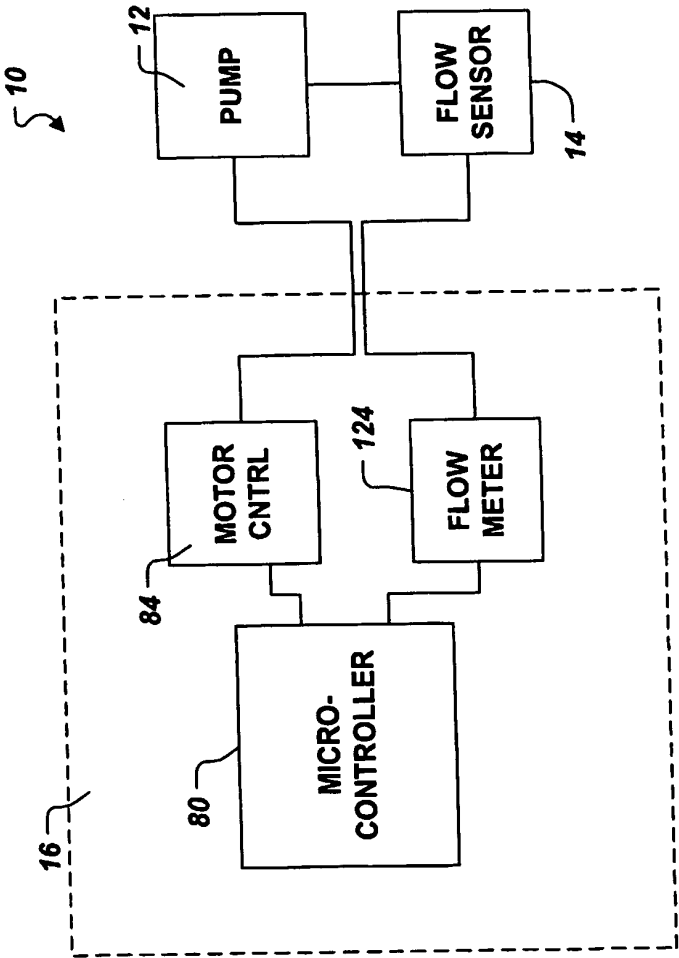


FIG. 3

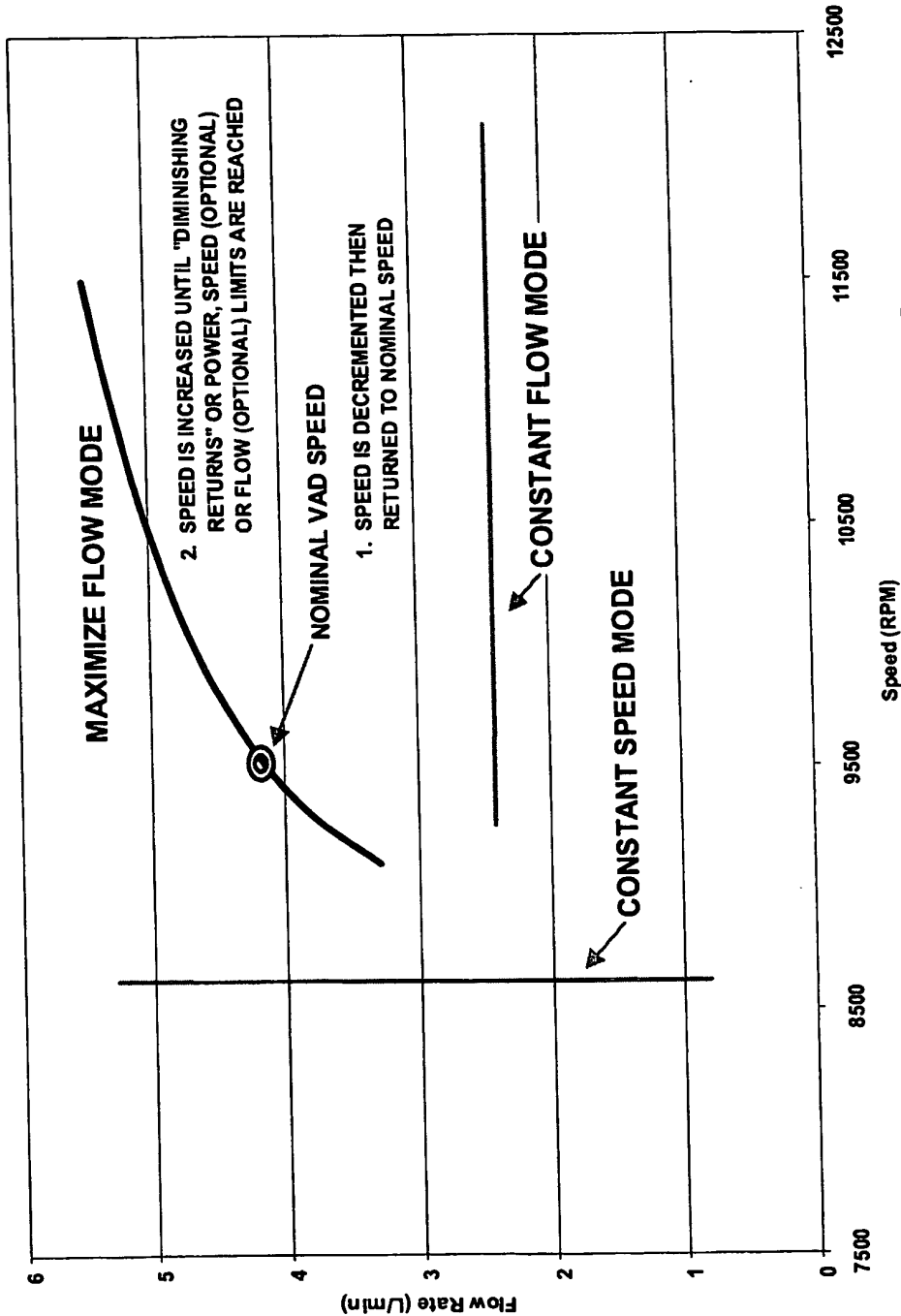


FIG. 4A

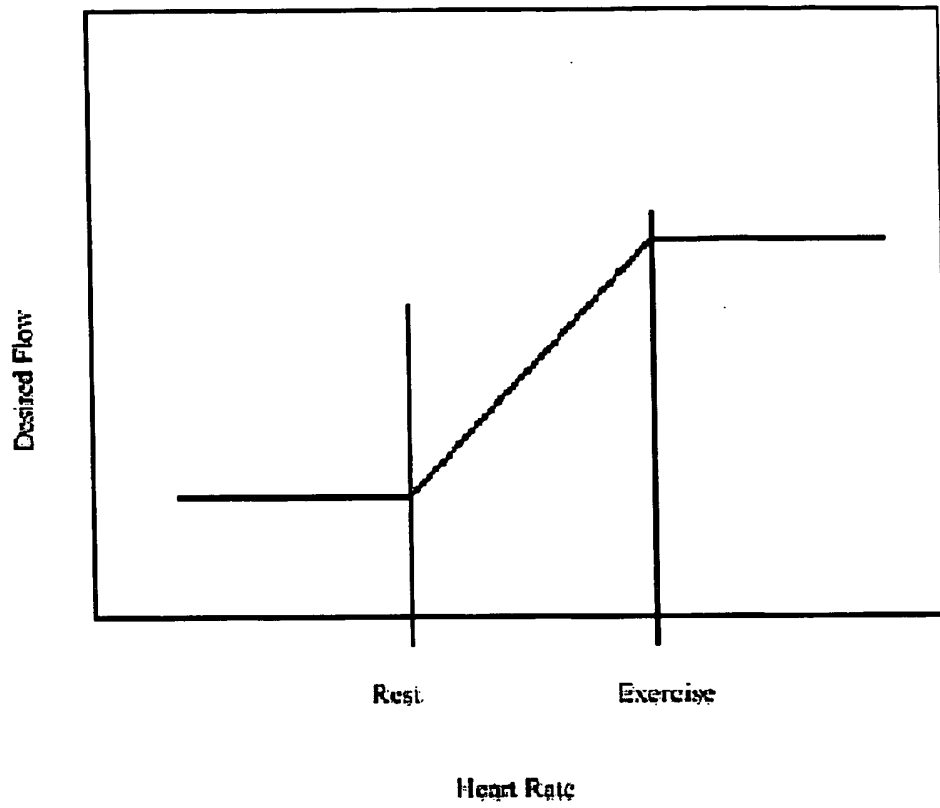
**FIG. 4B**

FIG. 5A. Constant Speed

Control Variable	Speed limit/alarm		Power Max	Flow		Suction Detection
	Min	Max		Min	Max	
enter Speed	7.5k	n/a	15W	enter min	n/a	Enabled/Disabled

FIG. 5B Nominal Flow

Control Variable	Speed limit/alarm		Power Max	Flow		Suction Detection
	Min	Max		Min	Max	
enter Flow	8.0k	11.0k	8+Flow * 1.5	Flow * .75	n/a	Enabled

FIG. 5C. Constant waviness

Control Variable	Speed limit/alarm		Power Max	Flow		Suction Detection
	Min	Max		Min	Max	
P2P = 4	8.0k	11.0k	8+Flow * 1.5	enter min	n/a	Enabled

FIG. 5D Maximize Flow - waviness (P2P)

Control Variable	Speed limit/alarm		Power Max	Flow		Suction Detection
	Min	Max		Min	Max	
P2P = 2***	9.0k	12.0k	18	imported	n/a	Enabled/Disabled

FIG. 5E Maximize Flow - dQ/dN (diminishing returns)

Control Variable	Speed limit/alarm		Power Max	Flow		Suction Detection
	Min	Max		Min	Max	
dQ/dN	9.0k	12.0k	18	imported	n/a	Enabled/Disabled

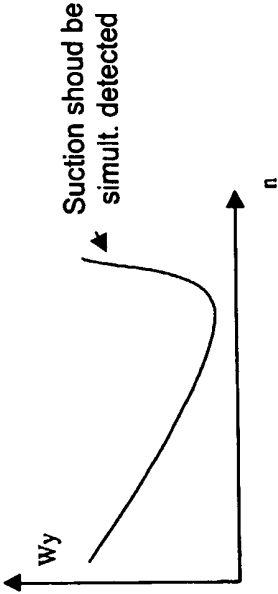


FIG. 6A

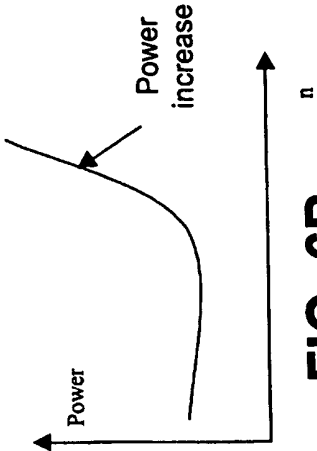


FIG. 6B

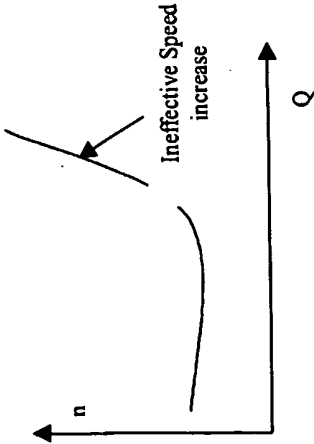
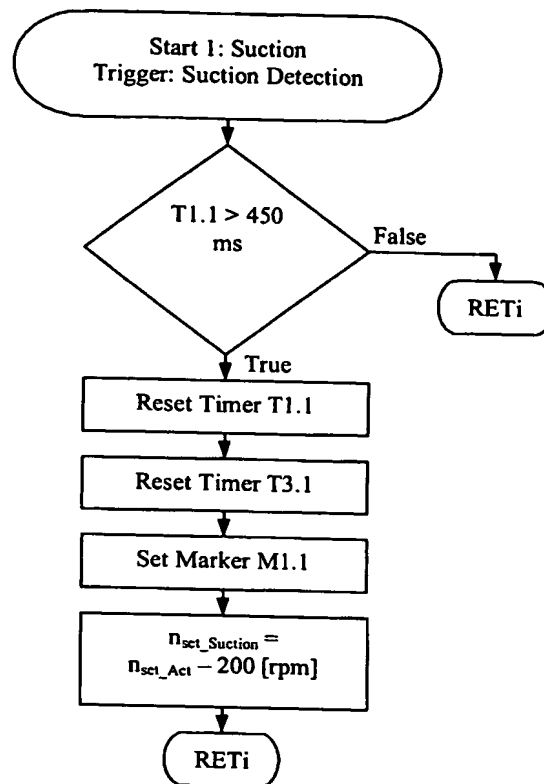


FIG. 6C

**FIG. 7**



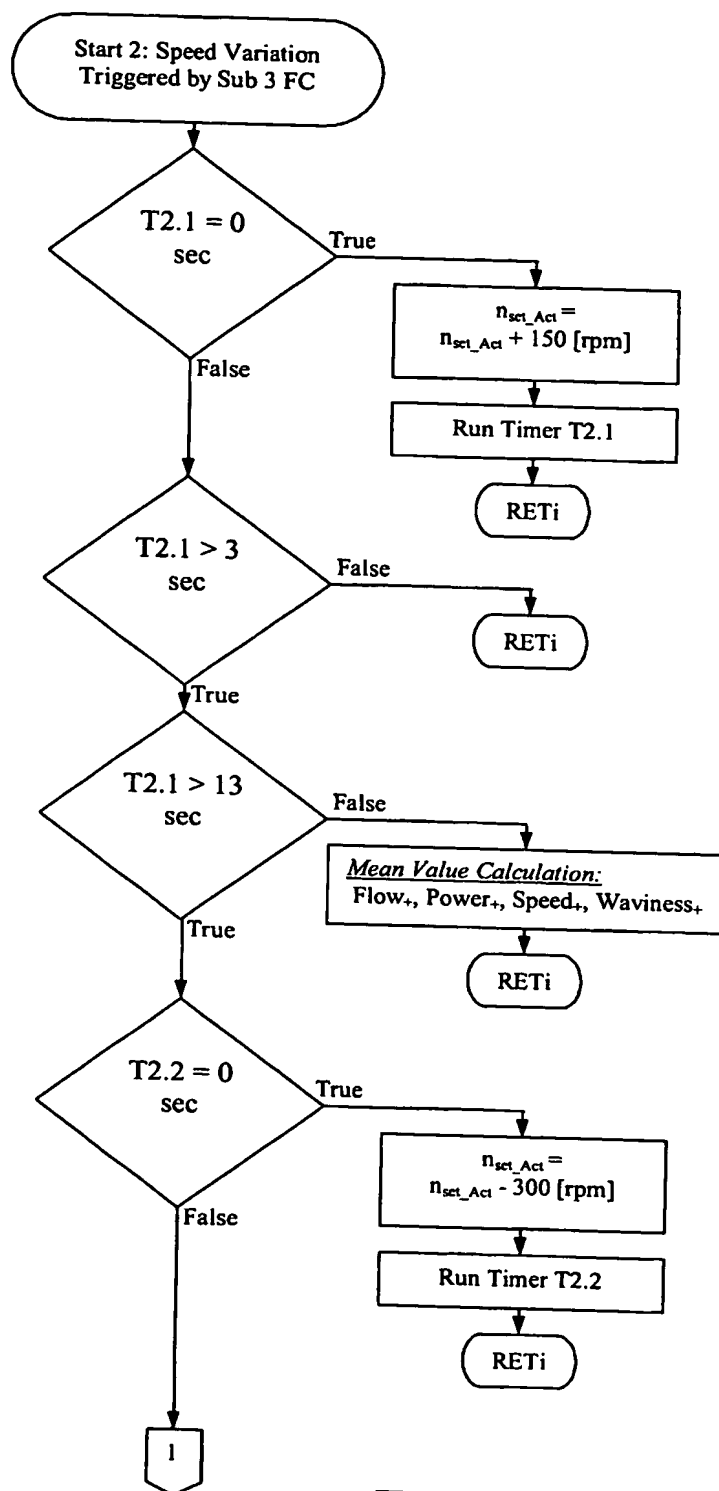


FIG. 8A

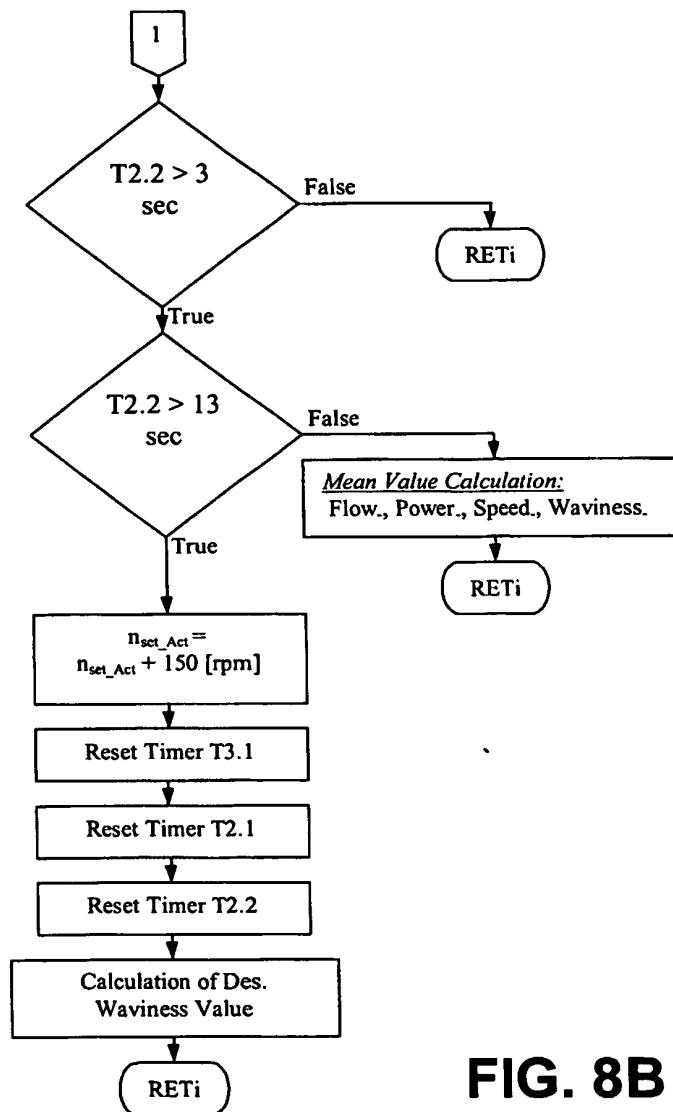


FIG. 8B

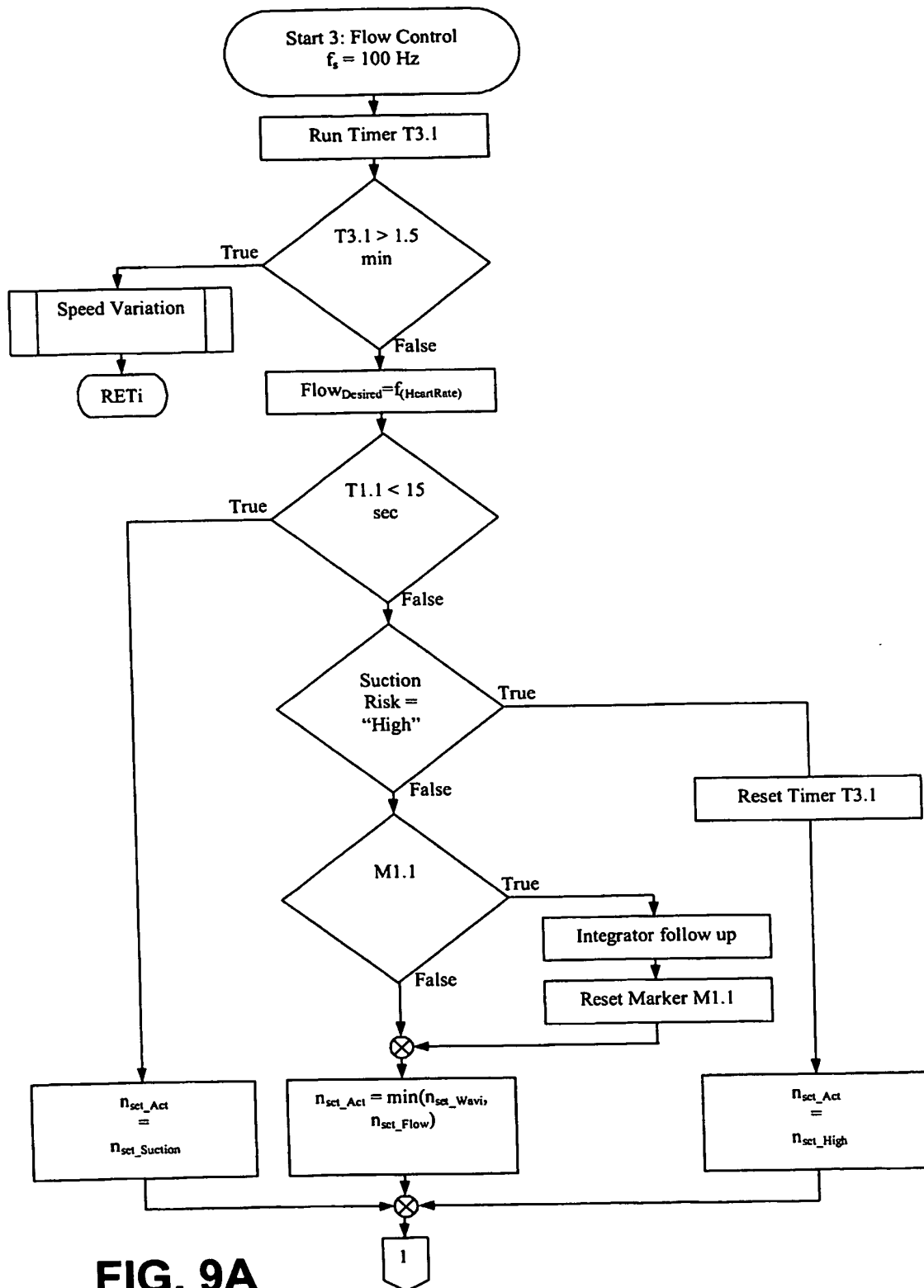
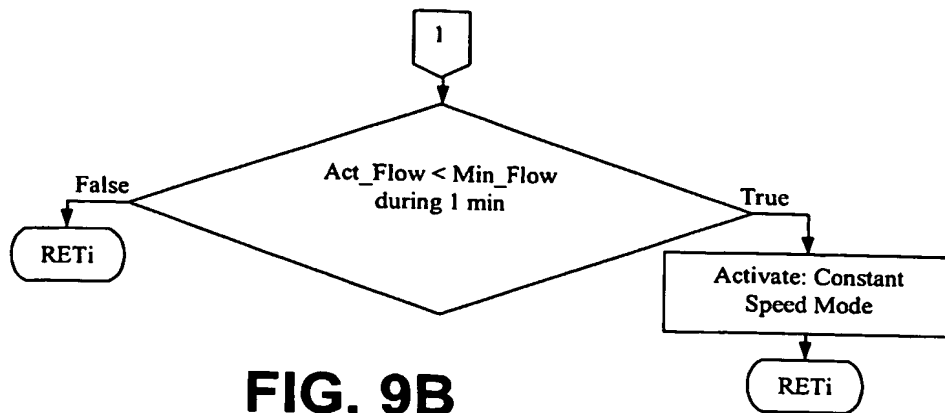
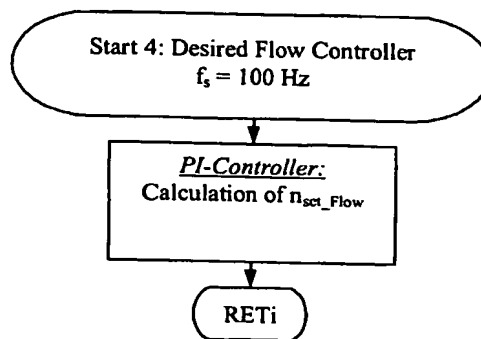
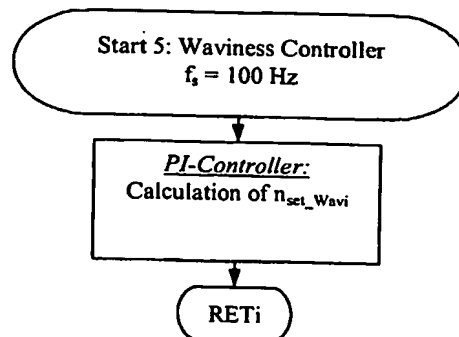


FIG. 9A

**FIG. 9B****FIG. 10****FIG. 11**

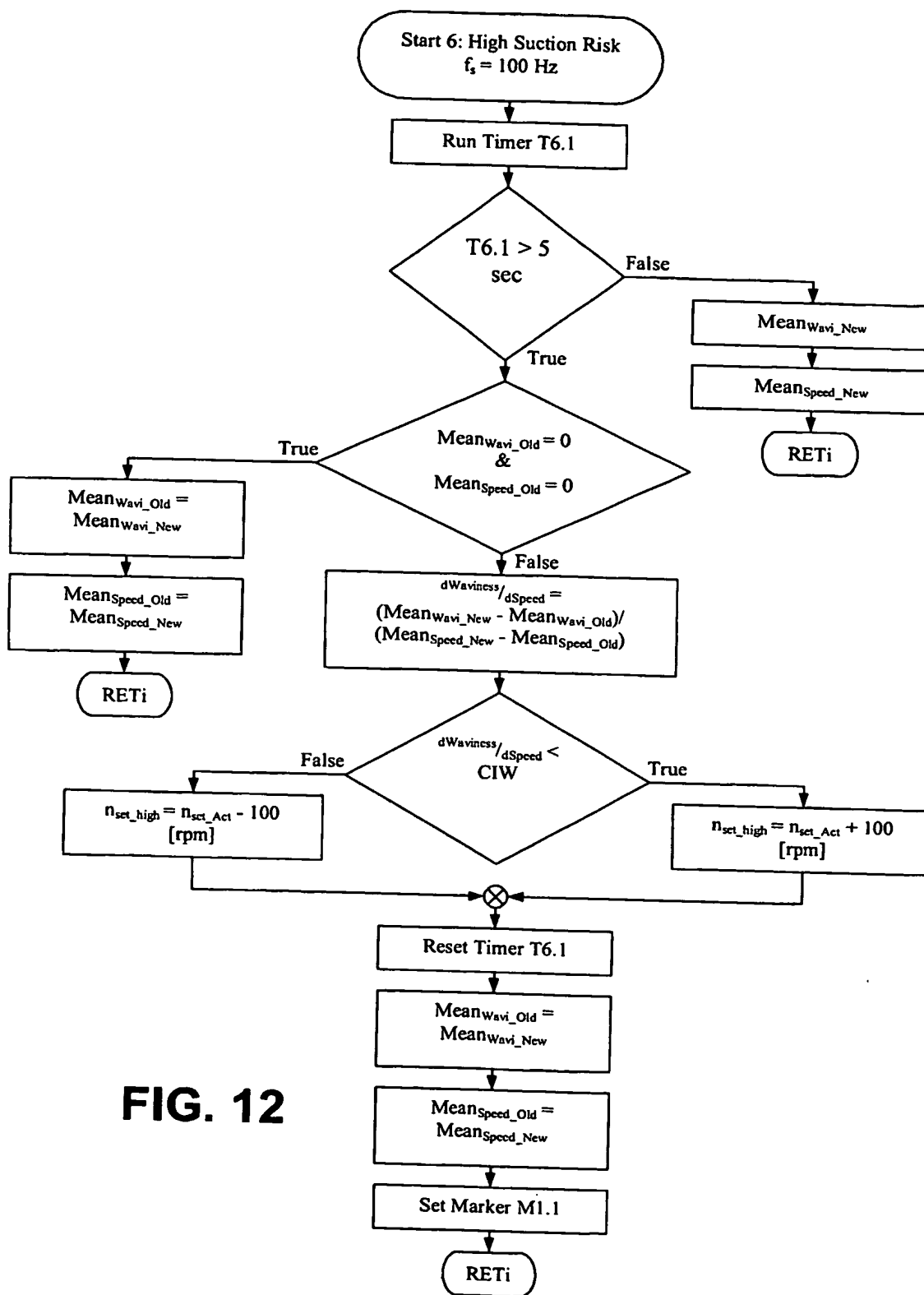


FIG. 12

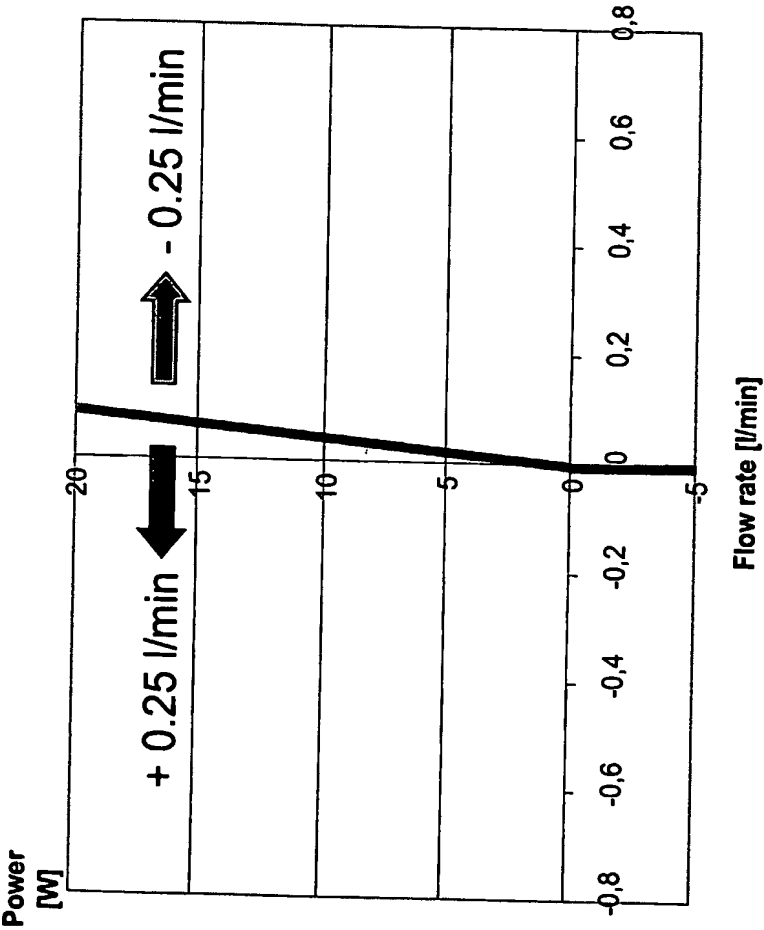


FIG. 13